

3 a. a user-controlled client establishing communication with a server  
4 over a communication channel;  
5 [b. said server presenting a list of options to said client, said server in a  
6 stateless condition prior to establishing said communication;]  
7 [c.] ~~b.~~ [a user] said client identifying [said] ~~a~~ user-defined profile [via said  
8 client] to said server;  
9 [d.] ~~c.~~ said server engaging a first application program, said first application  
10 program retrieving said user-defined profile;  
11 [e.] ~~d.~~ said first application program examining a database of [raw]  
12 information and automatically retrieving a subset of said [raw]  
13 information from said database based upon said user-defined profile;  
14 and  
15 [f.] ~~e.~~ said first application program transmitting said subset of said [raw]  
16 information from said database to said server and said server  
17 presenting said subset of said [raw] information to said client.

1 2. (Amended) The method of claim 1 wherein said client comprises an HTTP  
2 (Hypertext Transfer Protocol) browser active on a first computer system and  
3 said server comprises an HTTP server application program active on a  
4 second computer system.

1 3. (Amended) The method of claim 2 wherein said [server comprises an]  
2 HTTP server application program [which] communicates with said first  
3 application program active on said second computer system via a Common  
4 Gateway Interface (CGI).

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1 4. (Amended) The method of claim 3 [wherein] further comprising the step of  
2 said first application program [stores] storing a file in said second computer  
3 system containing said user-defined profile in order to retain a state of said  
4 user-profile.

1 5. (Amended) The method of claim 2 wherein said step of said first application  
2 program examining said database of [raw] information and automatically  
3 retrieving a subset of said [raw] information from said database based upon  
4 said user-defined profile is performed at periodic intervals irrespective of  
5 said client establishing communication with said server.

1 8. (Amended) An automatic method of retrieving information [based on a user-  
2 defined profile,] comprising the following steps:

- 3 a. a client under control of a user establishing communication with a  
4 [stateless] server[, said server presenting a list of options to said  
5 client] via HTTP (Hypertext Transfer Protocol) exchanges between  
6 said [server] client and said [client] server;
- 7 b. said client providing an identification of [said] a user-defined profile  
8 to said server;
- 9 c. said server engaging a first application program [via a Common  
10 Gateway Interface (CGI)], said first application program retrieving  
11 said user-defined profile wherein said user-defined profile identifies  
12 information which is of interest to said user;

- 13 d. said first application program examining a database of information  
14 and automatically retrieving a subset of said information from said  
15 database based upon which information is of interest to said user as  
16 [identified] specified in said user-defined profile; and  
17 e. said server presenting said subset of said information from said  
18 database to said client as [generated] retrieved by said first  
19 application program [to said client].

Q1  
cont.

1 <sup>9</sup>/<sub>7</sub>. (Amended) The method of claim <sup>8</sup>/<sub>6</sub> wherein said client comprises an HTTP  
2 (Hypertext Transfer Protocol) browser application program active on a first  
3 computer system and said server comprises an HTTP server application  
4 program operative on a remote computer system.

1 <sup>10</sup>/<sub>8</sub>. (Amended) The method of claim [6 wherein] <sup>9</sup>/<sub>7</sub> further comprising the step  
2 of said first application program [stores] storing a file containing said user-  
3 defined profile in said remote computer system in order to retain a state of  
4 said user-profile.

1 <sup>11</sup>/<sub>9</sub>. (Amended) The method of claim <sup>8</sup>/<sub>6</sub> wherein said step of said first  
2 application program examining said database of information and  
3 automatically retrieving a subset of said information from said database  
4 based upon said user-defined profile is performed at periodic intervals  
5 irrespective of said client establishing communication with said server.

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10. (Amended) The method of claim 8 wherein said step of said first application  
program examining said database of information and automatically retrieving  
a subset of said information from said database based upon said user-defined  
profile includes:  
a. said first application program retrieving source identifications and  
associated search terms from said user-defined profile;  
b. said first application scanning in said database of information for  
sources identified by said source identifications and identifying a first  
set of files in said sources containing [the] said associated search  
terms; and  
c. said first application program placing said first set of files into said  
subset of said information.

14 12. (Amended) The method of claim 8 further comprising the step of said first  
application program causing said server to present options to said user to  
create or modify said profile, said options including:  
a. a first option [to allow] allowing said user to specify source  
identifications in said information and associated search terms to  
search for in said source identifications to said user-defined profile;  
and  
b. a second option allowing said user to specify delete and/or change  
said source identifications and/or said associated search terms in said  
profile.

1 <sup>17</sup>15. (Amended) A system for retrieving information [based on a user-defined  
2 profile,] comprising:  
3 [a. a server having a circuit for presenting a list of options to a client via  
4 HTTP exchanges between said server and said client responsive to  
5 said client establishing communication with said server, said server  
6 being stateless from session to session of said client;  
7 b.] a. [said] a server having an interface for engaging a first application  
8 program responsive to [said] a client providing an identification of  
9 [said] a user-defined profile [by said client, wherein said first  
10 application program retrieves said user-defined profile which  
11 identifies information which is of interest to a user];  
12 [c.] b. said server having an execution control interface for causing said first  
13 application program to examine a database of information and  
14 automatically retrieve a subset of said information based upon which  
15 information is of interest to said user as identified in said user-defined  
16 profile; and  
17 [d.] c. said server having a presentation circuit for presenting said subset of  
18 said information from said database to said client responsive to [said  
19 automatic retrieving by said first application program] a request by  
20 said client.

1 <sup>18</sup>16. (Amended) The system of claim <sup>17</sup>15 wherein said client comprises an HTTP  
2 (Hypertext Transfer Protocol) browser operative on a first computer system  
3 and said server comprises an HTTP server operative on a remote computer  
4 system.

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17.  
1 (Amended) The system of claim 17 wherein said [first application program  
2 stores] server further includes a profile circuit for allowing said client to  
3 specify said user-defined profile and storing a file containing said user-  
4 defined profile in order to retain a state of said user-defined profile.

20  
18.  
1 (Amended) The system of claim 17 wherein said execution control interface  
2 [is activated] comprises an activation circuit for activating said first  
3 application program at periodic intervals to cause said first application  
4 program to perform said examining said database of information and  
5 automatically retrieving a subset of said information from said database  
6 based upon said user-defined profile.

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19.  
1 (Amended) The system of claim 17 wherein said first application program  
2 examining said database of information and automatically retrieving a subset  
3 of said information from said database based upon said user-defined profile  
4 includes:  
5 a. said first application program retrieving source identifications and  
6 associated search terms from said user-defined profile;  
7 b. said first application scanning in said database of information for  
8 sources identified by said source identifications and identifying a first  
9 set of files in said sources containing said associated search terms;  
10 and  
11 c. said first application program placing said first set of files into said  
12 subset of said information.

1 <sup>23</sup>21. (Amended) The system of claim <sup>17</sup>16 further comprising said server having an  
2 option presentation circuit for presenting said options to said user to create or  
3 modify said profile, said options including:

- 4 a. a first option [to allow] allowing said user to specify source  
5 identifications in said information and associated search terms to  
6 search for in said source identifications [to] of said user-defined  
7 profile; and  
8 b. a second option allowing said user to specify delete and/or change  
9 said source identifications and/or said associated search terms in said  
10 profile.

1 <sup>25</sup>23. (Amended) The system of claim <sup>24</sup>22 wherein said presentation circuit for  
2 presenting said subset of said information from said database as generated by  
3 said first application program comprises a topic presentation circuit for  
4 presenting said subset of said information organized by said topics.

1 <sup>26</sup>24. (Amended) A computer-implemented method of retrieving information  
2 comprising the following steps:  
3 a. a user-controlled client establishing communication with a server;  
4 b. [a user] said client identifying a user-defined profile to said server  
5 [via said client];

- a<sup>5</sup>
- 6 c. said server engaging a first application program, said first application
  - 7 program retrieving said user-defined profile;
  - 8 d. said first application program examining a database of [raw]
  - 9 information and automatically retrieving a subset of said [raw]
  - 10 information from said database based upon said user-defined profile;
  - 11 and
  - 12 e. said first application program transmitting said subset of said [raw]
  - 13 information from said database to said server and said server
  - 14 presenting said subset of said [raw] information to said client.
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c Please add the following claims:

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- a<sup>6</sup>
- 1 <sup>6</sup>25. The method of claim 1 wherein said step of said first application program
  - 2 examining said database of information and automatically retrieving a subset
  - 3 of said information from said database based upon said user-defined profile
  - 4 includes:
  - 5 a. said first application program retrieving source identifications and
  - 6 associated search terms from said user-defined profile;
  - 7 b. said first application scanning in said database of information for
  - 8 sources identified by said source identifications and identifying a first
  - 9 set of files in said sources containing said associated search terms;
  - 10 and
  - 11 c. said first application program placing said first set of files into said
  - 12 subset of said information.